

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: MOTOROLA, INC INT'L APPLICATION NO: PCT/EP2003/050798

CASE NO.: CE10098EP INT'L FILE DATE: NOVEMBER 7,
2003

ENTITLED: ITERATIVE DECODING WITH LIKELIHOOD WEIGHTING

Motorola, Inc.
Corporate Offices
1303 E. Algonquin Road
Schaumburg, Illinois 60196

CERTIFICATE OF EXPRESS MAILING / FILING UNDER 35 U.S.C. 371

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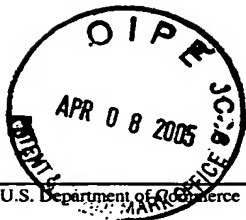
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CE10098EP

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO.

10/530941

INTERNATIONAL APPLICATION NO.

PCT/EP2003/ 50798-11

INTERNATIONAL FILING DATE

NOVEMBER 7, 2003

PRIORITY DATE CLAIMED

NOVEMBER 7, 2002

TITLE OF INVENTION:
ITERATIVE DECODING WITH LIKELIHOOD WEIGHTINGAPPLICANT(S) FOR DO/EO/US
NICHOLAS WHINNETT

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. ☐ is attached hereto.
 - b. ☒ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. Application No. (if known, see 37 CFR 1.5) 10/530941		International Application No. PCT/EP2003/50798 4		Attorney Docket Number CE10098EP																										
21. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445 (a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1060.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$ 900.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445 (a)(2)) paid to USPTO.....\$ 750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1) - (4)\$ 720.00 Intentional preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = \$				CALCULATIONS PTO USE ONLY <div style="border: 1px solid black; padding: 5px; width: fit-content;"> FEE VALUE ACCOUNTABILITY DEPOSIT ACCOUNT NO. <div style="border: 1px solid black; padding: 2px;">502117</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">FEE CODE</th> <th style="width: 50%;">VALUE FURNISHED</th> </tr> <tr> <td>1642</td> <td>400</td> </tr> <tr> <td>1633</td> <td>200</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> </div>		FEE CODE	VALUE FURNISHED	1642	400	1633	200																			
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Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Claims</th> <th>Number Filed</th> <th>Number Extra</th> <th>Rate</th> <th></th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>26 - 20 =</td> <td>6</td> <td>X \$50.00</td> <td>\$300.00</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3 =</td> <td></td> <td>X \$200.00</td> <td>\$0</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+\$280.00</td> <td>\$</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> </tr> </tbody> </table>				Claims	Number Filed	Number Extra	Rate		Total Claims	26 - 20 =	6	X \$50.00	\$300.00	Independent Claims	2 - 3 =		X \$200.00	\$0	MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+\$280.00	\$	TOTAL OF ABOVE CALCULATIONS =				\$	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees above are reduced by 50%. <div style="text-align: right; font-size: small;"> 08/08/2004 VALVARAD 08000012 502117 10530941 Sale Ref: 00000018 148: 502117 10530941 01 FC:1642 TOTAL: 400.00 DA 02 FC:1633 the 200.00 DA 02 FC:1633 the 200.00 DA </div>	
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Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$				Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$																										
				Amount to be refunded: \$																										
				Charged: \$																										
a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>502117</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>502117</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information any authorization on PTO - 2038. Note: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. Send all correspondence to: <div style="display: flex; justify-content: space-between;"> <div> Motorola, Inc. Intellectual Property Department 1303 E. Algonquin Road IL01-3rd Floor Schaumburg, Illinois 60196 </div> <div style="text-align: right;"> Brian M. Mancini Attorney for Applicant(s) Reg. No.: 39,288 Telephone: 847/576-5562 Fax No.: 847/576-3750 </div> </div>																														